

VENTILATION SCHEMEO

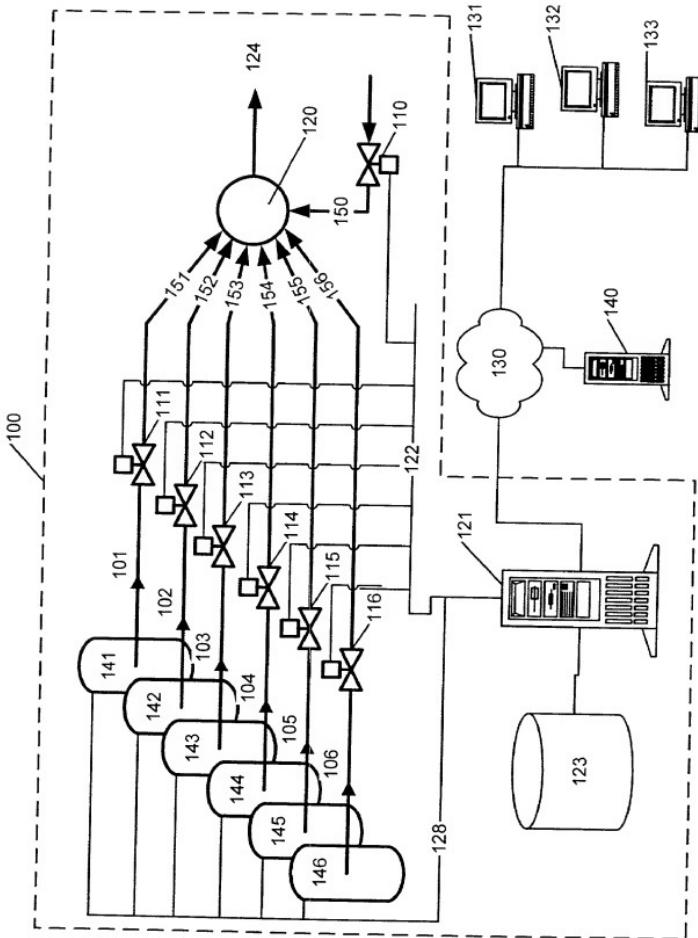


Fig. 1

200

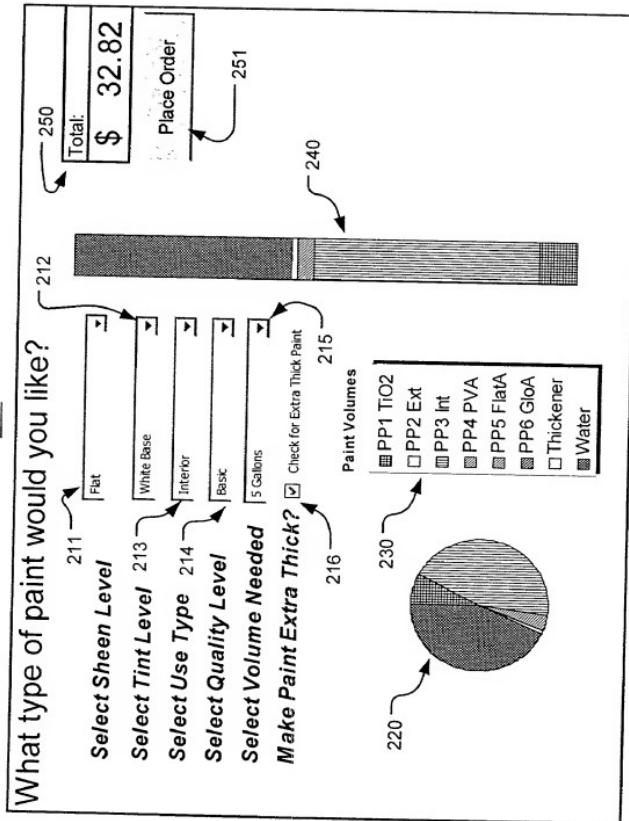


Fig. 2

# Paints & Sealants

RMC =  
Markup =  
Base  
Price

## Volumes of Prepaints

DB Code	Paint ID	Tint Base	Sheen Level	Tint Base	Sheen Level	Quality Level	Use Type	PPI Vol	PP2 Vol	PP3 Vol	PP4 Vol	PP5 Vol	PP6 Vol	Water Vol
		TiO2		Exterior	Interior	Extender	PVA							
1111	1	White	Gloss	Premium	25.87%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	13.57% \$ 20.97
1112	2	White	Gloss	Improved	27.34%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	21.45% \$ 19.96
1113	3	White	Gloss	Basic	25.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	31.31% \$ 15.09
1121	4	White	Gloss	Premium	25.87%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.97
1122	5	White	Gloss	Improved	25.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	13.57% \$ 15.09
1123	6	White	Gloss	Basic	23.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	31.31% \$ 15.09
1211	7	Light	Gloss	Premium	23.60%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	37.25% \$ 13.13
1212	8	Light	Gloss	Improved	23.60%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	13.52% \$ 20.18
1213	9	Light	Gloss	Basic	23.28%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	21.49% \$ 19.17
1221	10	Light	Gloss	Premium	23.60%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	31.36% \$ 14.30
1222	11	Light	Gloss	Improved	23.28%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	13.62% \$ 20.20
1223	12	Light	Gloss	Basic	21.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	31.36% \$ 14.32
1311	13	Mid	Gloss	Premium	12.93%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	37.30% \$ 12.36
1312	14	Mid	Gloss	Improved	13.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.91% \$ 18.22
1313	15	Mid	Gloss	Basic	12.76%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	66.63% \$ 17.05
1321	16	Mid	Gloss	Premium	12.93%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	31.15% \$ 11.30
1322	17	Mid	Gloss	Improved	12.76%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	75.15% \$ 18.22
1323	18	Mid	Gloss	Basic	11.97%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	31.15% \$ 11.30
1411	19	Deep	Gloss	Premium	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	37.51% \$ 9.28
1412	20	Deep	Gloss	Improved	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.26% \$ 15.47
1413	21	Deep	Gloss	Basic	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	17.95% \$ 14.14
1421	22	Deep	Gloss	Premium	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	31.00% \$ 7.51

Fig. 3A

Db	Paint	Sheen	Tint	Base	Level	User Type	Quality Level	PP1 Vol	PP2 Vol	PP3 Vol	PP4 Vol	PP5 Vol	PP6 Vol	Water Vol	Price
1422	23	Gloss	Deep	Interior	Improved	0.00%	0.00%	51.49%	0.00%	17.51%	31.00%	\$ 7.51			
1423	24	Gloss	Deep	Interior	Basic	0.00%	0.00%	62.22%	0.00%	0.00%	37.78%	\$ 5.43			
2111	25	emiGloss	White	Exterior	Premium	0.00%	0.00%	4.85%	0.00%	0.00%	54.97%	\$ 14.32%	\$ 20.29		
2112	26	emiGloss	White	Exterior	Improved	27.34%	4.38%	0.00%	0.00%	0.00%	46.15%	\$ 22.13%	\$ 19.34		
2113	27	emiGloss	White	Exterior	Basic	25.53%	4.21%	0.00%	28.97%	0.00%	9.85%	\$ 31.45%	\$ 14.87		
2121	28	emiGloss	White	Interior	Premium	25.53%	0.00%	4.85%	0.00%	0.00%	54.97%	\$ 14.32%	\$ 20.34		
2122	29	emiGloss	White	Interior	Improved	25.53%	0.00%	4.21%	28.97%	0.00%	9.85%	\$ 31.45%	\$ 14.91		
2123	30	emiGloss	White	Interior	Basic	23.94%	0.00%	3.82%	35.00%	0.00%	0.00%	\$ 37.25%	\$ 13.06		
2211	31	emiGloss	Light	Exterior	Premium	23.60%	7.02%	0.00%	0.00%	0.00%	54.97%	\$ 14.37%	\$ 19.50		
2212	32	emiGloss	Light	Exterior	Improved	25.07%	6.60%	0.00%	0.00%	0.00%	46.15%	\$ 22.18%	\$ 18.55		
2213	33	emiGloss	Light	Exterior	Basic	23.26%	6.43%	0.00%	28.97%	0.00%	9.85%	\$ 31.50%	\$ 14.07		
2221	34	emiGloss	Light	Interior	Premium	23.60%	0.00%	7.07%	0.00%	0.00%	54.97%	\$ 14.37%	\$ 19.57		
2222	35	emiGloss	Light	Interior	Improved	23.26%	0.00%	6.43%	28.97%	0.00%	9.85%	\$ 31.50%	\$ 14.13		
2223	36	emiGloss	Light	Interior	Basic	21.67%	0.00%	6.04%	35.00%	0.00%	0.00%	\$ 37.30%	\$ 12.29		
2311	37	emiGloss	Mid	Exterior	Premium	12.93%	4.85%	0.00%	0.00%	0.00%	69.55%	\$ 12.66%	\$ 17.54		
2312	38	emiGloss	Mid	Exterior	Improved	13.67%	4.41%	0.00%	0.00%	0.00%	61.54%	\$ 20.38%	\$ 16.43		
2313	39	emiGloss	Mid	Exterior	Basic	12.76%	4.19%	0.00%	38.62%	0.00%	13.13%	\$ 31.30%	\$ 11.08		
2321	40	emiGloss	Mid	Interior	Premium	12.93%	0.00%	4.88%	0.00%	0.00%	69.55%	\$ 12.66%	\$ 17.59		
2422	41	emiGloss	Mid	Interior	Improved	12.76%	0.00%	4.19%	38.62%	0.00%	13.13%	\$ 31.30%	\$ 11.12		
2323	42	emiGloss	Mid	Interior	Basic	11.97%	0.00%	3.85%	46.67%	0.00%	0.00%	\$ 37.51%	\$ 9.21		
2411	43	emiGloss	Deep	Exterior	Premium	0.00%	4.86%	0.00%	0.00%	0.00%	84.13%	\$ 11.00%	\$ 14.79		
2412	44	emiGloss	Deep	Exterior	Improved	0.00%	4.44%	0.00%	0.00%	0.00%	76.92%	\$ 18.63%	\$ 13.52		
2413	45	emiGloss	Deep	Exterior	Basic	0.00%	4.17%	0.00%	48.28%	0.00%	16.41%	\$ 31.14%	\$ 7.29		
2421	46	emiGloss	Deep	Interior	Premium	0.00%	0.00%	4.86%	0.00%	0.00%	84.13%	\$ 11.00%	\$ 14.83		
2422	47	emiGloss	Deep	Interior	Improved	0.00%	0.00%	4.17%	48.28%	0.00%	16.41%	\$ 31.14%	\$ 7.33		
2423	48	emiGloss	Deep	Interior	Basic	0.00%	0.00%	3.88%	58.33%	0.00%	0.00%	\$ 37.78%	\$ 5.36		
3111	49	Satin	White	Exterior	Premium	23.48%	12.04%	0.00%	0.00%	46.02%	0.00%	\$ 18.46%	\$ 18.09		
3112	50	Satin	White	Exterior	Improved	20.87%	10.42%	0.00%	0.00%	36.65%	0.00%	\$ 32.06%	\$ 15.34		
3113	51	Satin	White	Interior	Basic	15.66%	13.58%	0.00%	22.87%	6.15%	0.00%	\$ 41.74%	\$ 10.22		
3121	52	Satin	White	Interior	Premium	23.48%	0.00%	12.04%	35.63%	9.58%	0.00%	\$ 19.27%	\$ 15.12		
3122	53	Satin	White	Interior	Improved	20.87%	0.00%	10.42%	35.83%	0.00%	0.00%	\$ 32.87%	\$ 12.34		

Fig. 3B

DB	Paint	Sheen	Tint	Base	Use	Type	Level	PP1 Vol	PP2 Vol	PP3 Vol	PP4 Vol	PP5 Vol	PP6 Vol	Water Vol	Base Price
3123	54	Satin	White	Basic	Interior	Exterior	Basic	15.66%	0.00%	13.58%	28.89%	0.00%	0.00%	41.87%	\$ 9.83
3211	55	Satin	Light	Premium	Exterior	Exterior	Premium	21.21%	14.26%	0.00%	0.00%	46.02%	0.00%	18.51%	\$ 17.30
3212	56	Satin	Light	Improved	Exterior	Exterior	Improved	18.61%	12.64%	0.00%	0.00%	38.65%	0.00%	32.11%	\$ 14.56
3213	57	Satin	Light	Basic	Exterior	Exterior	Basic	13.39%	15.80%	0.00%	22.87%	6.15%	0.00%	41.79%	\$ 9.42
3221	58	Satin	Light	Premium	Interior	Interior	Premium	21.21%	0.00%	14.28%	35.63%	9.58%	0.00%	19.32%	\$ 14.35
3222	59	Satin	Light	Improved	Interior	Interior	Improved	18.61%	0.00%	12.64%	35.83%	0.00%	0.00%	32.92%	\$ 11.57
3223	60	Satin	Light	Basic	Interior	Interior	Basic	13.39%	0.00%	15.80%	28.89%	0.00%	0.00%	41.92%	\$ 9.06
3311	61	Satin	Mid	Exterior	Premium	Exterior	Premium	11.74%	21.02%	0.00%	0.00%	48.58%	0.00%	18.68%	\$ 14.27
3312	62	Satin	Mid	Improved	Exterior	Exterior	Improved	10.44%	18.54%	0.00%	0.00%	38.78%	0.00%	32.24%	\$ 11.93
3313	63	Satin	Mid	Basic	Exterior	Exterior	Basic	7.83%	19.43%	0.00%	24.30%	6.54%	0.00%	41.90%	\$ 7.55
3321	64	Satin	Mid	Interior	Improved	Interior	Improved	11.74%	0.00%	21.02%	37.61%	10.11%	0.00%	19.51%	\$ 11.22
3322	65	Satin	Mid	Basic	Interior	Interior	Basic	10.44%	0.00%	18.54%	37.92%	0.00%	0.00%	33.10%	\$ 8.83
3323	66	Satin	Mid	Exterior	Premium	Exterior	Premium	7.83%	0.00%	19.43%	30.59%	0.00%	0.00%	42.05%	\$ 7.20
3411	67	Satin	Deep	Improved	Exterior	Exterior	Improved	0.00%	30.00%	0.00%	0.00%	51.16%	0.00%	18.86%	\$ 10.46
3412	68	Satin	Deep	Basic	Exterior	Exterior	Basic	0.00%	26.67%	0.00%	0.00%	40.91%	0.00%	32.42%	\$ 8.52
3413	69	Satin	Deep	Interior	Improved	Interior	Improved	0.00%	25.28%	0.00%	25.73%	6.93%	0.00%	42.07%	\$ 4.91
3421	70	Satin	Deep	Basic	Interior	Interior	Basic	0.00%	20.00%	30.00%	39.59%	10.55%	0.00%	19.78%	\$ 7.32
3422	71	Satin	Deep	Exterior	Premium	Exterior	Premium	0.00%	0.00%	26.67%	40.40%	0.00%	0.00%	33.33%	\$ 5.32
3423	72	Satin	Deep	Interior	Basic	Exterior	Basic	0.00%	0.00%	25.28%	32.50%	0.00%	0.00%	42.22%	\$ 4.57
4111	73	Flat	White	Exterior	Premium	Exterior	Premium	23.48%	20.79%	0.00%	0.00%	34.80%	0.00%	20.93%	\$ 16.70
4112	74	Flat	White	Exterior	Improved	Exterior	Improved	18.83%	23.25%	0.00%	0.00%	25.57%	0.00%	32.35%	\$ 13.38
4113	75	Flat	White	Basic	Exterior	Exterior	Basic	15.66%	26.36%	0.00%	19.80%	5.32%	0.00%	32.87%	\$ 10.56
4121	76	Flat	White	Interior	Improved	Exterior	Improved	20.87%	0.00%	21.26%	19.80%	5.32%	0.00%	32.75%	\$ 12.59
4122	77	Flat	White	Interior	Basic	Exterior	Basic	15.68%	0.00%	34.69%	16.67%	0.00%	0.00%	32.99%	\$ 10.21
4123	78	Flat	White	Interior	Exterior	Exterior	Basic	7.60%	0.00%	44.65%	3.47%	0.00%	0.00%	44.28%	\$ 6.46
4211	79	Flat	Light	Exterior	Premium	Exterior	Premium	22.35%	21.90%	0.00%	0.00%	34.80%	0.00%	20.95%	\$ 16.30
4212	80	Flat	Light	Interior	Improved	Exterior	Improved	16.56%	25.47%	0.00%	0.00%	25.57%	0.00%	32.40%	\$ 12.59
4213	81	Flat	Light	Basic	Exterior	Exterior	Basic	13.39%	28.58%	0.00%	19.80%	5.32%	0.00%	32.92%	\$ 9.77
4221	82	Flat	Light	Premium	Interior	Exterior	Premium	18.61%	0.00%	23.47%	19.80%	5.32%	0.00%	32.80%	\$ 11.82
4222	83	Flat	Light	Improved	Interior	Exterior	Improved	13.39%	0.00%	36.91%	16.67%	0.00%	0.00%	33.04%	\$ 9.44
4223	84	Flat	Light	Basic	Interior	Exterior	Basic	5.33%	0.00%	46.87%	3.47%	0.00%	0.00%	44.33%	\$ 5.69

Fig. 3C

## Tinted Paint Scenario

DB Code	Paint Sheen Level	Tint Base	Use Type	Quality Level	PP1 Vol	PP2 Vol	PP3 Vol	PP4 Vol	PP5 Vol	PP6 Vol	Water Vol	Base Price
4311	Flat	Mid	Exterior	Premium	11.74%	28.84%	0.00%	0.00%	37.29%	0.00%	21.13%	\$ 12.88
4312	Flat	Mid	Exterior	Improved	9.42%	30.38%	0.00%	0.00%	27.70%	0.00%	32.51%	\$ 10.33
4313	Flat	Mid	Exterior	Basic	7.83%	31.93%	0.00%	21.44%	5.77%	0.00%	33.03%	\$ 7.92
4321	Flat	Mid	Interior	Premium	10.44%	0.01%	29.38%	21.44%	5.77%	0.00%	32.97%	9.12
4322	Flat	Mid	Interior	Improved	7.83%	0.01%	40.28%	18.75%	0.00%	0.00%	33.16%	\$ 7.59
4323	Flat	Mid	Interior	Basic	3.80%	0.00%	46.63%	5.21%	0.00%	0.00%	44.36%	\$ 5.20
4411	Flat	Deep	Exterior	Premium	0.00%	38.89%	0.00%	0.00%	39.77%	0.00%	21.34%	\$ 9.05
4412	Flat	Deep	Exterior	Improved	0.00%	37.50%	0.00%	0.00%	29.83%	0.00%	32.67%	\$ 7.28
4413	Flat	Deep	Exterior	Basic	0.00%	37.50%	0.00%	23.09%	6.21%	0.00%	33.20%	\$ 5.28
4421	Flat	Deep	Interior	Premium	0.00%	0.01%	37.50%	23.09%	6.21%	0.00%	33.20%	\$ 5.64
4422	Flat	Deep	Interior	Improved	0.00%	0.00%	45.83%	20.83%	0.00%	0.00%	33.33%	\$ 4.96
4423	Flat	Deep	Interior	Basic	0.00%	0.00%	48.61%	6.84%	0.00%	0.00%	44.44%	\$ 3.94

Fig. 3D

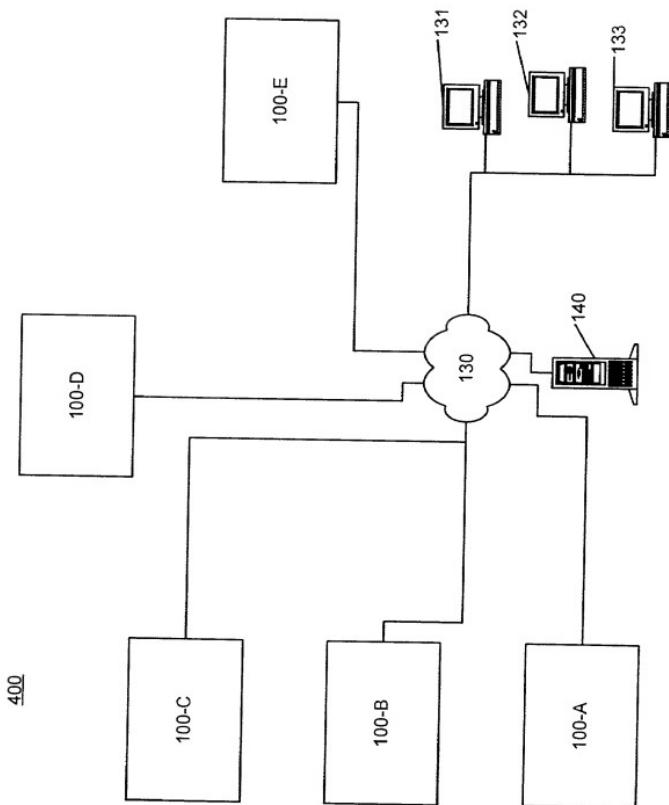


Fig. 4